

SCOPE OF WORK

KANSAS DEPARTMENT OF TRANSPORTATION

Wichita Hillside Area Office/Shop Addition and Electrical Upgrade
Building Number 27600-56011

KANSAS TRANSPORTATION AT A GLANCE

Kansas Ranks #15 in land area with 81,823 square miles with just under 3,000,000 people but is #4 in the number of public road miles following Texas, California and Illinois. Kansas has approximately 286,606 miles of roads. This includes 140,372 miles of public roads under the jurisdiction of KDOT, KTA and various Kansas cities and counties and includes 21,948 state and local bridges.

AREA SHOP

The area shops are responsible for the maintenance of all vehicles in the Area. The Hillside Area office was constructed in 1973 and underwent renovation in 2004 which included new windows and minor interior renovations at that time.

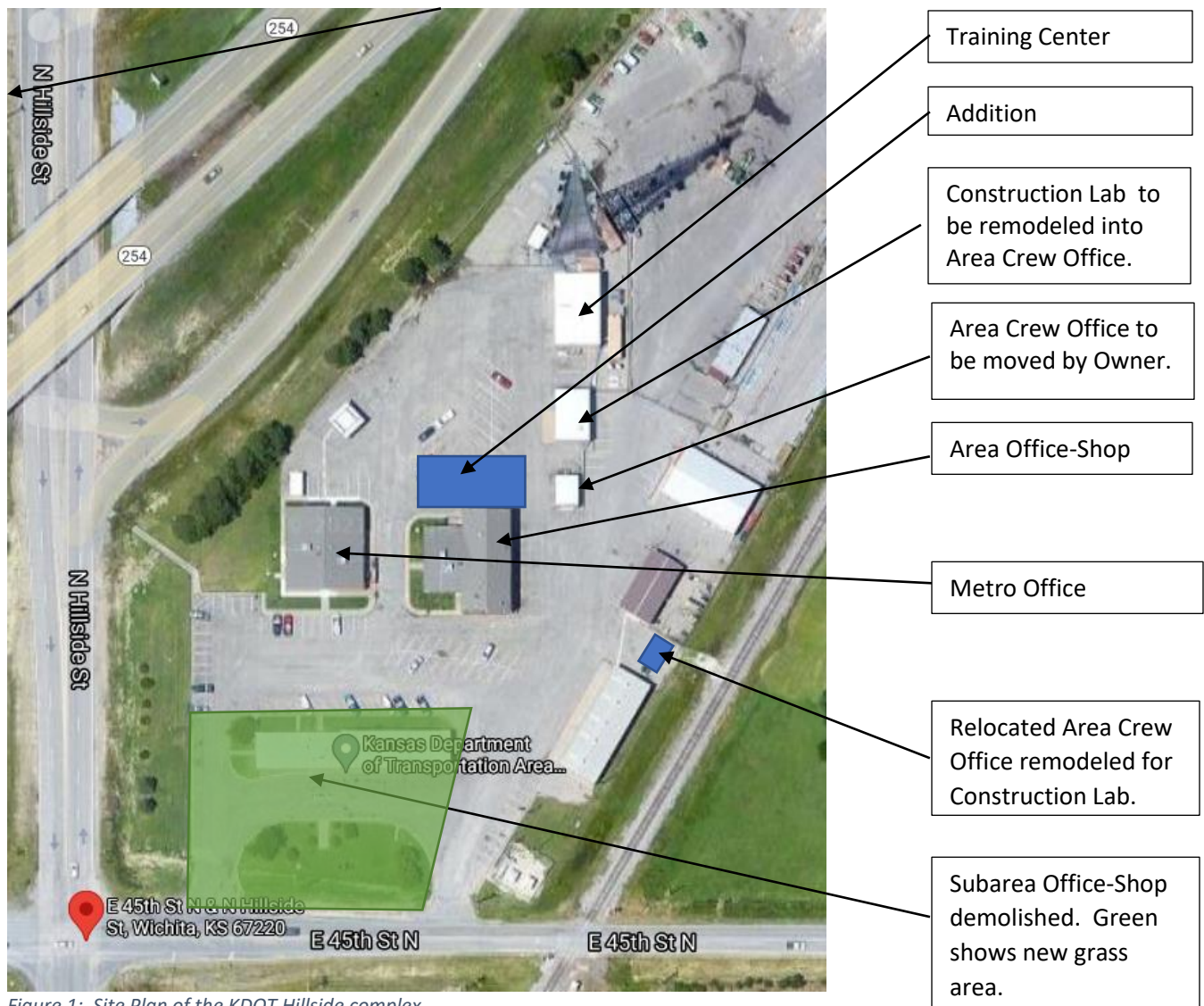




Figure 2: East side of the area shop



Figure 3: Interior of the Shop facint south

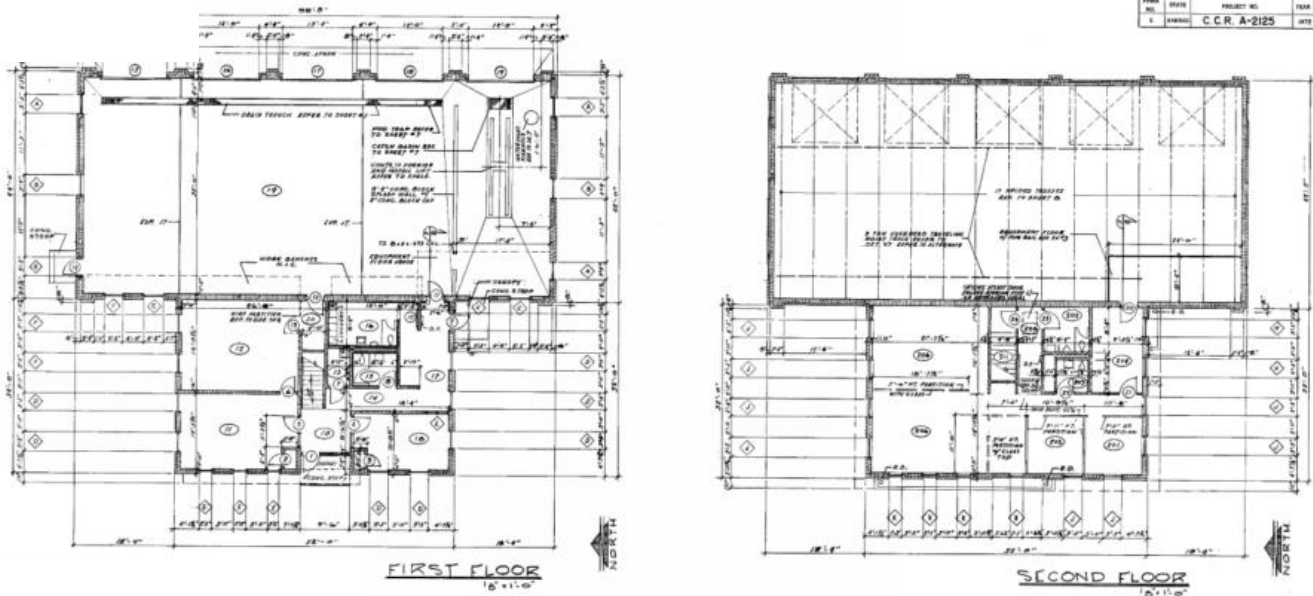


Figure 4: Floor plans from the original shop construction

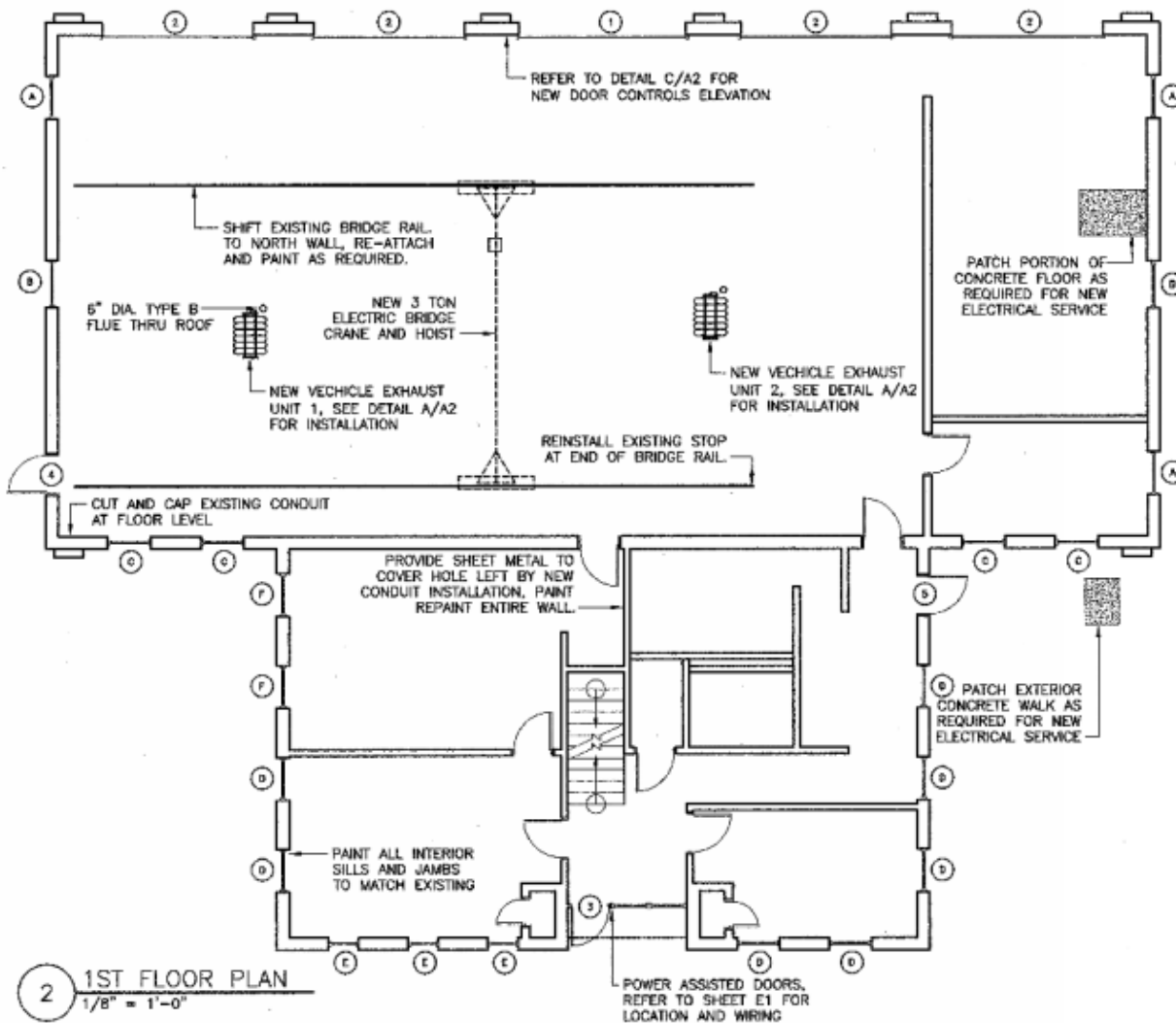


Figure 5: First Floor after 2004 Renovation

NEW WORK – ADDITION AND RENOVATION

The new construction will consist of a building addition of no more than 5,000 square feet, with direct access into the existing shop area. The addition will be heated with infrared heat, all LED lighting and an overhead crane, trench drain and room for mechanic’s benches and other equipment. Paving replacement north and west of the addition will be required after disruption of the site is complete.

The renovation of the existing shop will include relocating the office and storage closer to the new addition and renovation the electrical service and distribution within the shop area. This project will consolidate the electrical systems from several different panels located in different portions of the Shop Building. The main service panels will be updated to 800 amp, 3-Phase 208 Volt service

KDOT will facilitate the relocation of the existing fuel pump being removed from the Wichita West Subarea to this site, however assistance to design the electrical service to the fuel island may come from the area shop.

Other work on the site will include designing the utilities and foundations for the relocated Area Crew building to house the onsite materials lab, work to be done by KDOT staff. Renovation of the current lab, located just north of the existing Area Crew Office, will also be included in the design, but construction will be by KDOT. At this time, no work in the existing offices is planned. Assistance may be required for furniture layout in the new offices and construction lab.

PROCESS

Design and construction are to follow requirements of the OFPM Building Design and Construction Manual. The BDCM may be found on our website at <https://admin.ks.gov/offices/ofpm/dcc/bdcm>. This project will bid through OFPM and construction administration will be administered by the design team. Forms required to complete this project are found at <https://www.admin.ks.gov/offices/ofpm/dcc/f-and-d>.

OFPM will provide full services to the agency and will therefore be involved in the design of the facility, approval of fees, invoices, change orders and payment applications.

The Project architect/engineer will provide full scope services, including where necessary, geotechnical and survey services, code and accessibility analysis and compliance, full construction administration services and project closeout services. This project must be compliant with the codes listed at the end of this document.

Projects will be designed to applicable building codes, accessibility laws and guidelines and energy codes for Capital Improvement Projects in State Buildings are available on Form 110 – List of Applicable Codes at <http://admin.ks.gov/offices/ofpm/dcc/f-and-d> or as listed in their contract with the State of Kansas.

SCHEDULE

Advertisement for Design Services	June 2021
Commencement of Design Work	August 2021
Released to Bidders	March 2022
Construction begins	May 2022
Occupancy	June 2023

BUDGET

Construction Budget	\$1, 300,000
Soft Costs including AE Fee, IT, Contingency, Owner Supplied Equipment.....	\$268,920

TOTAL PROJECT BUDGET\$1,568,920